

FIG. 1
(Background Art)

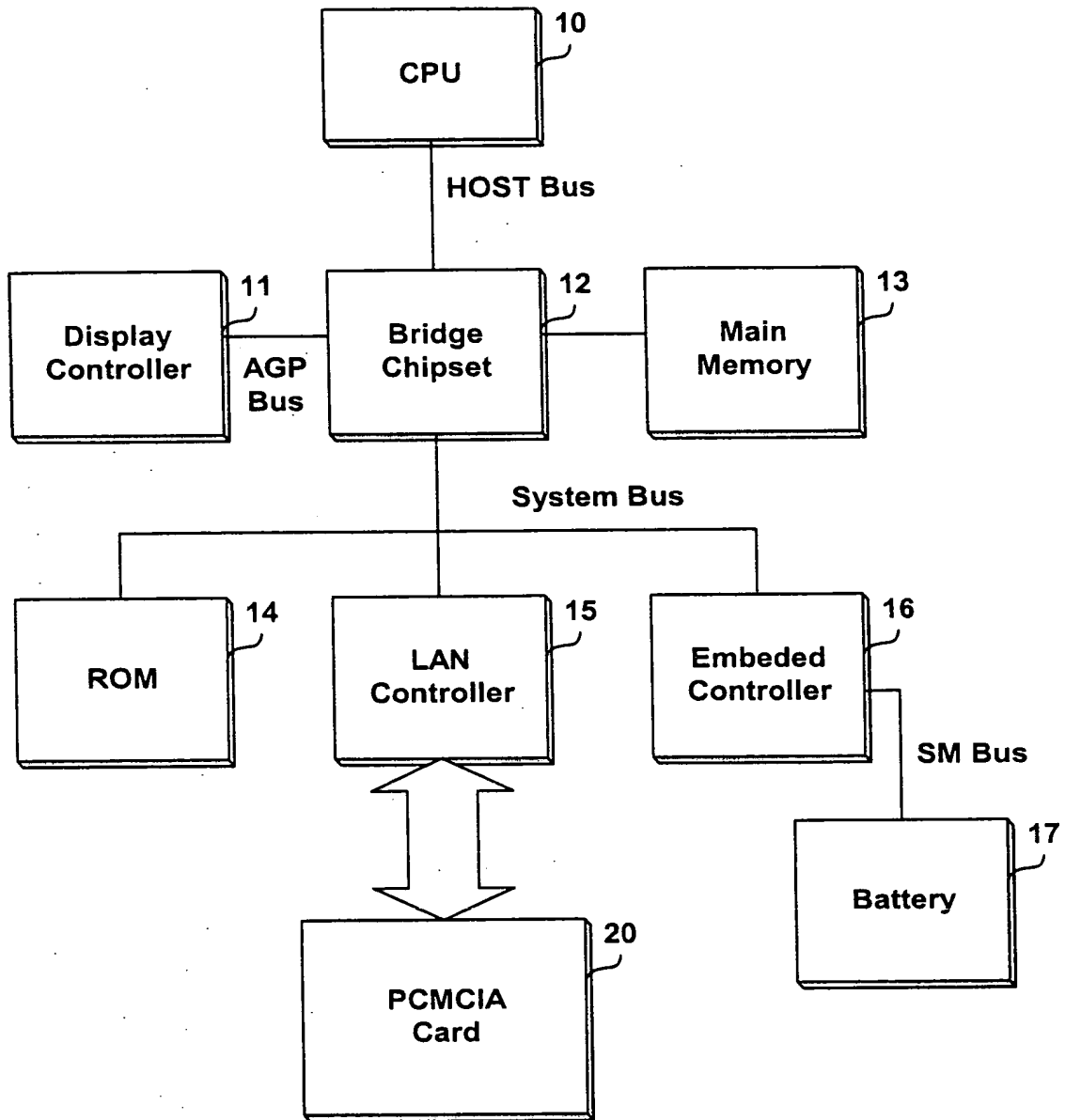


FIG. 2
(Background Art)

BSS (Basic Service Set)

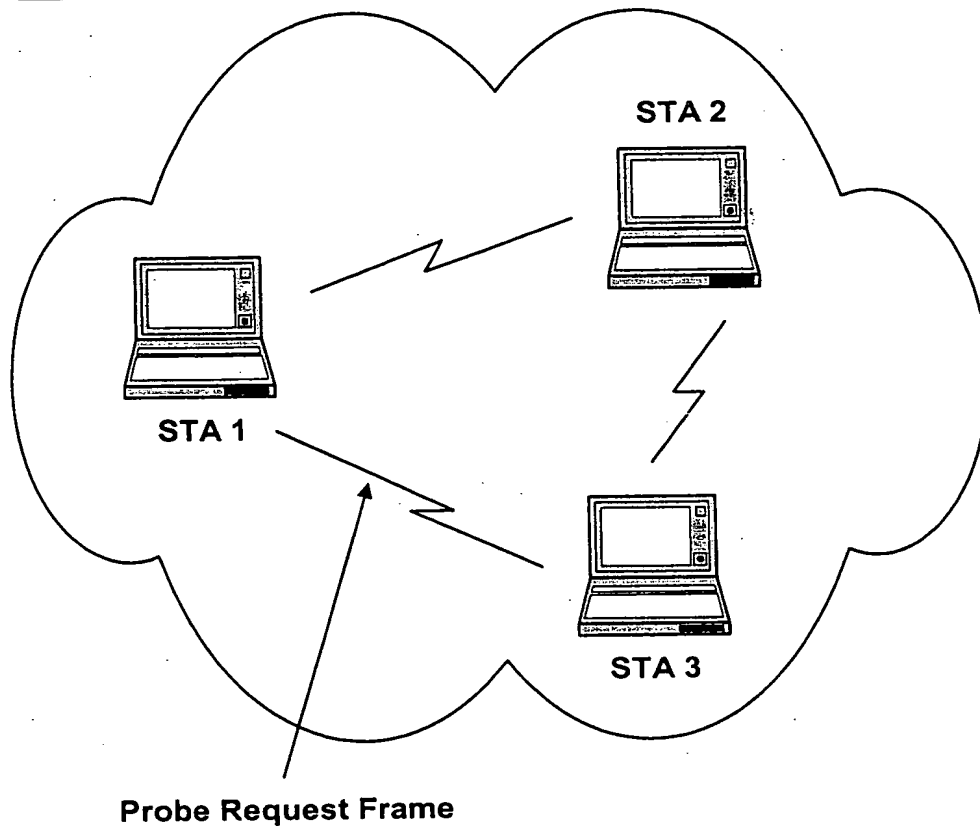


FIG. 3
(Background Art)

ESS (Extended Service Set)

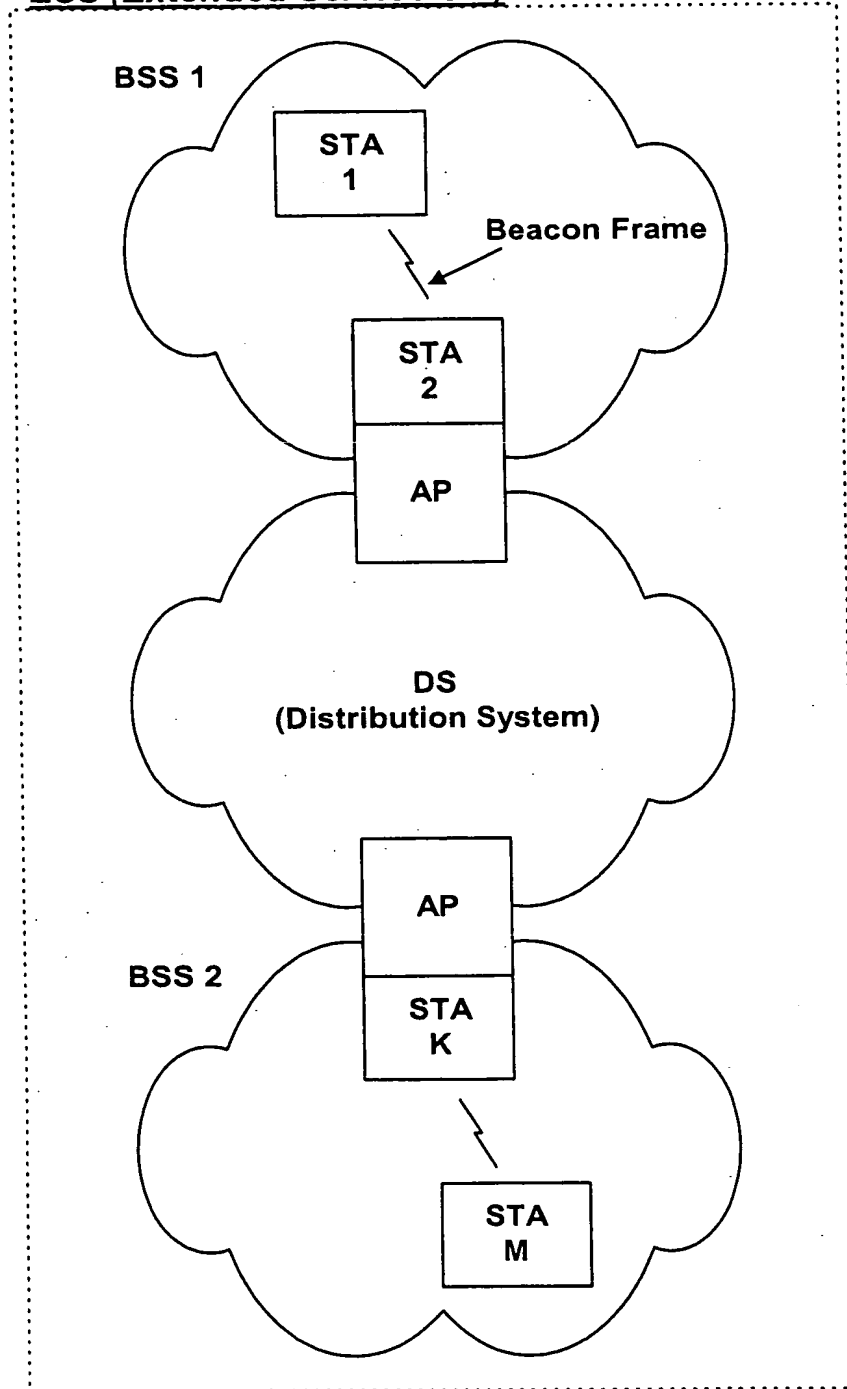


FIG. 4

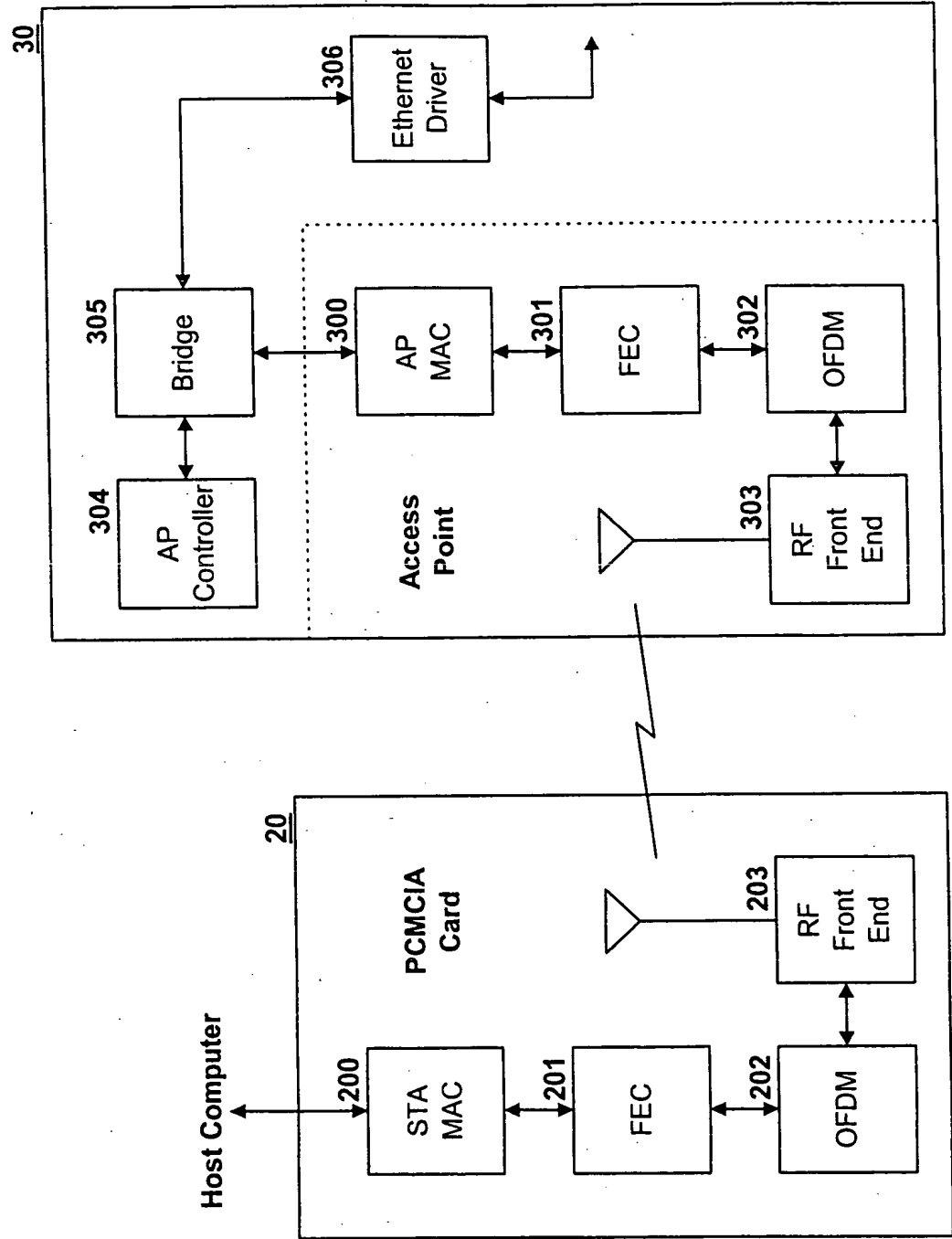


FIG. 5

Beacon frame body

| Order | Information |
|-------|------------------------|
| 1 | Timestamp |
| 2 | Beacon interval |
| 3 | Capability information |
| 4 | SSID |
| 5 | Supported rates |
| 6 | FH Parameter Set |
| 7 | DS Parameter Set |
| 8 | CF Parameter Set |
| 9 | IBSS Parameter Set |
| 10 | TIM |

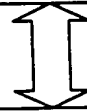
| B0 | B1 | B2 | B3 | B4 | B5 B6 | B7 -- B15 |
|-----|------|-------------|-----------------|---------|----------------|-----------|
| ESS | IBSS | CF Pollable | CF Poll Request | Privacy | Transfer Speed | Reserved |

B5 B6 : 00 = 11 Mbps
B5 B6 : 01 = 5.5 Mbps
B5 B6 : 10 = 2 Mbps
B5 B6 : 11 = 1 Mbps

FIG. 6

Probe request frame body

| Order | Information |
|-------|-----------------------|
| 1 | SSID |
| 2 | Supported rates |
| 3 | Transfer Speed |



B0 B1 : 00 = 11 Mbps
B0 B1 : 01 = 5.5 Mbps
B0 B1 : 10 = 2 Mbps
B0 B1 : 11 = 1 Mbps

FIG. 7

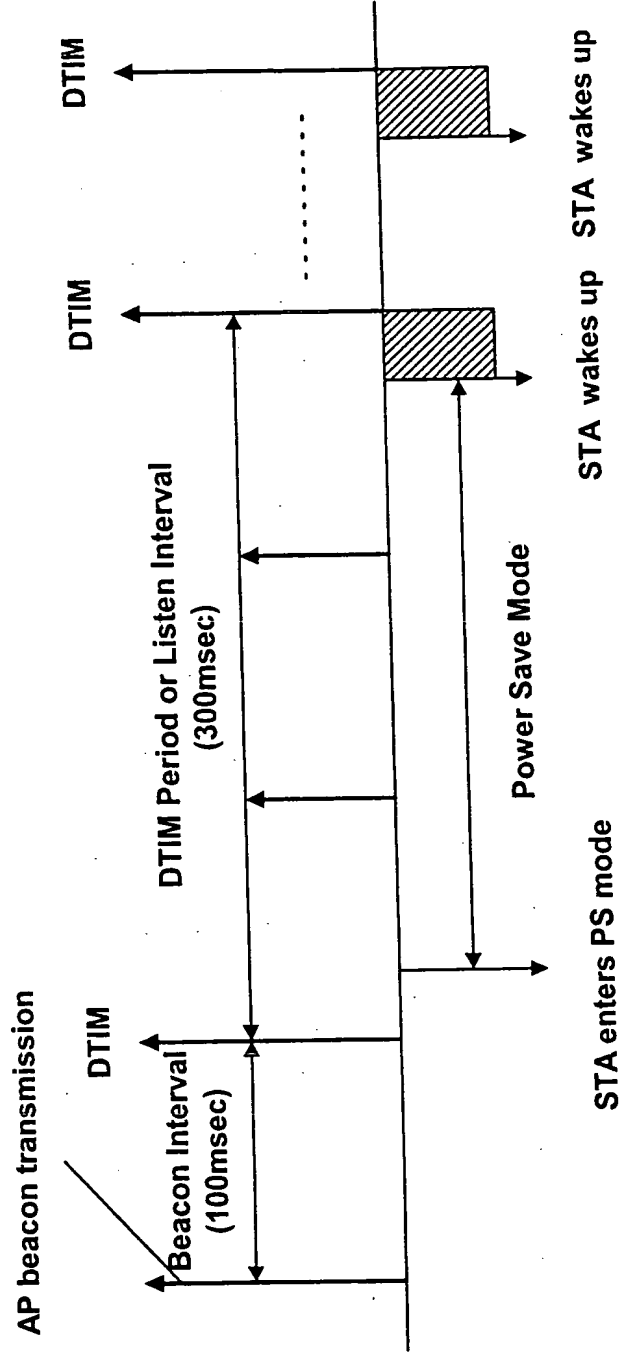
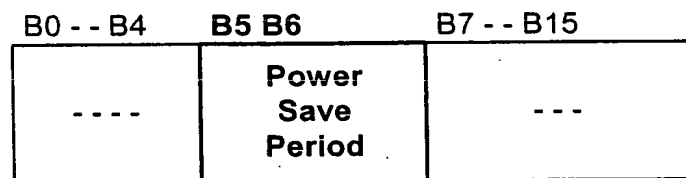


FIG. 8

Beacon frame body

| Order | Information |
|-------|------------------------|
| 1 | Timestamp |
| 2 | Beacon interval |
| 3 | Capability information |
| 4 | SSID |
| 5 | Supported rates |
| 6 | FH Parameter Set |
| 7 | DS Parameter Set |
| 8 | CF Parameter Set |
| 9 | IBSS Parameter Set |
| 10 | TIM |



B5 B6 : 00 = 300 msec
B5 B6 : 01 = 400 msec
B5 B6 : 10 = 500 msec
B5 B6 : 11 = 650 msec